

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs                            | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--------------------------------|------------------|---------|---------------------|
| S1    | 1    | "5899392".pn.   | US-PGPUB;<br>USPAT             | OR               | ON      | 2008/07/08<br>08:26 |
| S2    | 4    | ("20070123596"   "5115987"   "5255859"   "5688693").PN.   | US-PGPUB;<br>USPAT             | OR               | ON      | 2008/07/08<br>08:54 |
| S3    | 1    | "0123596".pn.   | US-PGPUB;<br>USPAT             | OR               | ON      | 2008/07/08<br>08:56 |
| S4    | 1    | "5148993".pn.   | US-PGPUB;<br>USPAT             | ADJ              | ON      | 2008/09/19<br>18:06 |
| S5    | 2    | ((THOMAS) near2 (FRIEDLAENDER)).INV.  | US-PGPUB;<br>USPAT             | ADJ              | ON      | 2008/09/19<br>18:13 |
| S6    | 2    | ((MAREN) near2 (HOFFERBERT)).INV.   | US-PGPUB;<br>USPAT             | ADJ              | ON      | 2008/09/19<br>18:13 |
| S7    | 1    | ((TIMM) near2 (KIRCHHOFF)).INV.   | US-PGPUB;<br>USPAT             | ADJ              | ON      | 2008/09/19<br>18:14 |
| S8    | 419  | Krones.as.  | US-PGPUB;<br>USPAT             | ADJ              | ON      | 2008/09/19<br>18:14 |
| S9    | 1    | "20070123596".pn.   | US-PGPUB;<br>USPAT             | ADJ              | ON      | 2008/09/22<br>17:37 |
| S10   | 1    | "20030010360".pn.   | US-PGPUB;<br>USPAT             | ADJ              | ON      | 2008/09/22<br>18:04 |
| S11   | 379  | (PET or (polyethylene adj terephthalate)) and (recycl\$ or recover\$ or scrap) and flake and sort\$3    | US-PGPUB;<br>USPAT             | ADJ              | ON      | 2008/09/22<br>18:07 |
| S12   | 1    | (pneumatic adj table) and S11   | US-PGPUB;<br>USPAT             | ADJ              | ON      | 2008/09/22<br>18:08 |
| S13   | 50   | (PET or (polyethylene adj terephthalate)) same (recycl\$ or recover\$ or scrap) same flake same sort\$3 | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ              | ON      | 2008/09/22<br>18:10 |

|     |     |  |                                     |     |    |                     |
|-----|-----|--|-------------------------------------|-----|----|---------------------|
| S14 | 35  | (fluidized adj bed) and S11  | US-PGPUB;<br>USPAT;<br>DERWENT      | ADJ | ON | 2008/09/22<br>18:15 |
| S15 | 3   | (fluidized adj bed) and S13  | US-PGPUB;<br>USPAT;<br>DERWENT      | ADJ | ON | 2008/09/22<br>18:28 |
| S16 | 50  | ("20070123596" "6770680" "5143308" "5435954" "7229560"<br>"20070246159" "4279294" "6673420" "7243972" "5458480"<br>"5685632" "20030077400" "20060141391" "20080057285"<br>"20070175402" "5961804" "6746707" "7006657" "7334323"<br>"7342183" "20020090123" "20070006452" "20070007032"<br>"20070248836" "20080213654" "20070163213" "5140216"<br>"5790376" "6042764" "20070057411" "20070068553" "5840772"<br>"20040197463" "3619451" "3896631" "3952116" "4830871"<br>"5641535" "7306843" "20020020128" "20070163637"<br>"20080199721" "3653741" "3925248" "3932780" "4153762"<br>"4166146" "4272577" "4382108" "4456651" ).pn. | US-PGPUB;<br>USPAT                  | OR  | ON | 2008/09/23<br>15:27 |
| S20 | 308 | (PET or (polyethylene adj terephthalate)) and (recycl\$ or recover\$ or scrap) and flake and sort\$3 and air   | US-PGPUB;<br>USPAT                  | ADJ | ON | 2008/09/23<br>16:07 |
| S21 | 419 | Krones.as.   | US-PGPUB;<br>USPAT                  | ADJ | ON | 2008/09/24<br>17:28 |
| S22 | 308 | (PET or (polyethylene adj terephthalate)) and (recycl\$ or recover\$ or scrap) and flake and sort\$3 and air   | US-PGPUB;<br>USPAT                  | ADJ | ON | 2008/09/24<br>17:28 |
| S23 | 2   | S22 and S21  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | ADJ | ON | 2008/09/24<br>17:28 |
| S24 | 2   | 521/48.5.ccls. and S22   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | ADJ | ON | 2008/09/24<br>17:34 |
| S25 | 16  | 521/48.ccls. and S22   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | ADJ | ON | 2008/09/24<br>17:51 |
| S26 | 2   | ((thin adj4 wall\$) or (thick adj4 wall\$)) same (polyester or (polyethylene adj terephthalate)) same (separate or sort) same recycl\$   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | ADJ | ON | 2008/09/24<br>18:03 |
| S27 | 1   | "6391408".pn.  | US-PGPUB;<br>USPAT                  | ADJ | ON | 2008/09/24<br>18:17 |

|     |       |   |   |     |    |                     |
|-----|-------|---|---|-----|----|---------------------|
| S28 | 340   | 241/38.ccls.  | US-PGPUB;<br>USPAT                                    | ADJ | ON | 2008/09/24<br>18:23 |
| S29 | 0     | S22 and S28   | US-PGPUB;<br>USPAT                                    | ADJ | ON | 2008/09/24<br>18:23 |
| S30 | 44854 | "209".clas.   | US-PGPUB;<br>USPAT                                    | ADJ | ON | 2008/09/24<br>18:24 |
| S31 | 22    | "209".clas. and S22   | US-PGPUB;<br>USPAT                                    | ADJ | ON | 2008/09/24<br>18:25 |
| S32 | 28480 | (head adj5 bottle) or (neck adj5 bottle) or (head adj5 beverage) or (neck adj5 beverage)                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2008/09/25<br>12:23 |
| S33 | 1601  | (recycl\$ or scrap or recover\$) and (plastic or polyester or (polyethylene adj terephthalate)) and S32 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2008/09/25<br>12:24 |
| S34 | 774   | (thin or thick) and S33   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2008/09/25<br>12:25 |
| S35 | 17    | "521".clas. and S34   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2008/09/25<br>12:45 |
| S36 | 1     | "5899392".pn.   | US-PGPUB;<br>USPAT                                    | ADJ | ON | 2008/09/25<br>19:33 |
| S37 | 1     | "6376563".pn.   | US-PGPUB;<br>USPAT                                    | ADJ | ON | 2008/09/25<br>19:34 |
| S38 | 2     | ((THOMAS) near2 (FRIEDLAENDER)).INV.  | US-PGPUB;<br>USPAT                                    | ADJ | ON | 2009/04/13<br>09:54 |
| S39 | 2     | ((MAREN) near2 (HOFFERBERT)).INV.   | US-PGPUB;<br>USPAT                                    | ADJ | ON | 2009/04/13<br>09:54 |

|     |      |   |   |     |    |                     |
|-----|------|---|---|-----|----|---------------------|
| S40 | 1    | ((TIMM) near2 (KIRCHHOFF)).INV.   | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/04/13<br>09:54 |
| S41 | 799  | (521/40,41,48,48.5).ccls.   | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/04/13<br>10:02 |
| S42 | 330  | (PET or (polyethylene adj terephthalate)) and (recycl\$ or recover\$ or scrap) and flake and sort\$3 and air  | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/04/13<br>10:03 |
| S43 | 26   | S42 and S41   | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/04/13<br>10:03 |
| S44 | 442  | krones.as.  | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/04/13<br>10:03 |
| S45 | 2    | S42 and S44   | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/04/13<br>10:04 |
| S46 | 1    | "6288131".pn.   | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/04/13<br>10:39 |
| S47 | 1132 | (521/40,40.5,41,43.5,44,44.5,45.5,48).ccls.   | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/11/15<br>10:26 |
| S49 | 480  | Krones.as.  | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/11/15<br>10:29 |
| S50 | 2    | S47 and S49   | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/11/15<br>10:29 |
| S52 | 138  | ((thin adj4 wall\$) or (thick adj4 wall\$))and (polyester or PET or (polyethylene adj terephthalate)) and (separate or sort) and recycl\$ and flake       | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                         | ADJ | ON | 2009/11/15<br>10:59 |
| S53 | 0    | ((thin adj4 wall\$) or (thick adj4 wall\$))and (polyester or PET or (polyethylene adj terephthalate)) and (separate or sort) and recycl\$ and flake).clm. | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                         | ADJ | ON | 2009/11/15<br>10:59 |
| S54 | 1    | ((thin adj4 wall\$) or (thick adj4 wall\$))and (polyester or PET or (polyethylene adj terephthalate)) and (separate or sort) and recycl\$ and flake).ab.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2009/11/15<br>11:01 |
| S63 | 872  | 528/480.ccls.   | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/11/15<br>12:15 |

|     |      |   |                                     |      |    |                     |
|-----|------|---|-------------------------------------|------|----|---------------------|
| S64 | 138  | ((thin adj4 wall\$) or (thick adj4 wall\$))and (polyester or PET or (polyethylene adj terephthalate)) and (separate or sort) and recycl\$ and flake | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | ADJ  | ON | 2009/11/15<br>12:15 |
| S65 | 0    | S64 and S63   | US-PGPUB;<br>USPAT                  | ADJ  | ON | 2009/11/15<br>12:15 |
| S67 | 4744 | (528/480,481,491,500,501,502r,502e,503).ccls.   | US-PGPUB;<br>USPAT                  | ADJ  | ON | 2010/07/15<br>11:39 |
| S68 | 1277 | (521/40,40.5,41,42,42.5,45,46,46.5,47,48,48.5).ccls.  | US-PGPUB;<br>USPAT                  | ADJ  | ON | 2010/07/15<br>11:39 |
| S69 | 451  | (PET or (polyethylene adj terephthalate)) and (recycl\$ or recover\$ or scrap) and flake and sort\$3  | US-PGPUB;<br>USPAT                  | ADJ  | ON | 2010/07/15<br>11:40 |
| S70 | 14   | S69 and S67   | US-PGPUB;<br>USPAT                  | NEAR | ON | 2010/07/15<br>11:40 |
| S71 | 52   | S69 and S68   | US-PGPUB;<br>USPAT                  | NEAR | ON | 2010/07/15<br>11:40 |
| S72 | 451  | (PET or (polyethylene adj terephthalate)) and (recycl\$ or recover\$ or scrap) and (flake or wall46) and sort\$3                                    | US-PGPUB;<br>USPAT                  | ADJ  | ON | 2010/07/15<br>11:41 |
| S73 | 538  | Krones.as.  | US-PGPUB;<br>USPAT                  | ADJ  | ON | 2010/07/15<br>11:42 |
| S74 | 2    | S73 and S69   | US-PGPUB;<br>USPAT                  | ADJ  | ON | 2010/07/15<br>11:42 |

## EAST Search History (Interference)

| Ref # | Hits | Search Query                                | DBs            | Default Operator | Plurals | Time Stamp       |
|-------|------|---|----------------|------------------|---------|------------------|
| S55   | 967  | (521/40,40.5,41,43.5,44,44.5,45.5,48).ccls. | USPAT;<br>UPAD | ADJ              | ON      | 2009/11/15 10:27 |
| S56   | 0    | ((THOMAS) near2 (FRIEDLAENDER)).INV.        | USPAT;<br>UPAD | ADJ              | ON      | 2009/11/15 10:28 |
| S57   | 0    | ((MAREN) near2 (HOFFERBERT)).INV.           | USPAT;<br>UPAD | ADJ              | ON      | 2009/11/15 10:28 |
| S58   | 0    | ((TIMM) near2 (KIRCHHOFF)).INV.             | USPAT;<br>UPAD | ADJ              | ON      | 2009/11/15 10:28 |

|     |     |  |                |     |    |                  |
|-----|-----|--|----------------|-----|----|------------------|
| S59 | 382 | (krones).as.   | USPAT;<br>UPAD | ADJ | ON | 2009/11/15 10:28 |
| S60 | 0   | S55 and S59  | USPAT;<br>UPAD | ADJ | ON | 2009/11/15 10:29 |
| S61 | 4   | ((PET or (polyethylene adj terephthalate)) and (recycl\$ or recover\$ or scrap) and flake and sort\$3).clm.  | USPAT;<br>UPAD | ADJ | ON | 2009/11/15 10:33 |
| S62 | 0   | ((thin adj4 wall\$ or (thick adj4 wall\$))and (polyester or PET or (polyethylene adj terephthalate)) and (separate or sort) and recycl\$ and flake).clm. | USPAT;<br>UPAD | ADJ | ON | 2009/11/15 11:00 |

7/ 15/ 2010 3:57:32 PM

H:\ east workspace\ 10575313 PET bottles shred.wsp